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Time optimal self-stabilizing synchronization

B Awerbuch, S Kutten, Y Mansour, B Patt- ... - Proceedings of the ..., 1993 - portal.acm.org  
 ... In Section 3 we specify the new **synchronization rule** and analyze its complexity. In Section 4 we develop an optimal self-stabilizing reset procedure and explain how to apply it to the **synchronization rule** to obtain a protocol that works with bounded registers. ...

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Tracing evolution changes of software artifacts through model synchronization

I Ivkovic, K Kontogiannis - 2004 - computer.org  
 ... is mapped using one of the **rules** from a set of applicable **synchronization rules** S. Each **synchronization rule** would apply to a particular operation (eg, InsertNode), be based on a particular premise (ie, relevant preconditions), and would include corresponding actions. ...  
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The specification of process synchronization by path expressions

R Campbell, A Habermann - Operating Systems, 1974 - Springer  
 ... **Synchronization rules**, given by 'path expressions', are incorporated into the type definitions which are used to introduce data objects shared by several asynchronous processes. ... This paper proposes a general mechanism for representing **synchronization rules** in a ...  
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G Korniss, MA Novotny, H Guclu, Z Toroczkai, PA ... - Science, 2003 - AAAS  
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[arxiv.org](#) [PDF]

Observing global states of asynchronous distributed applications

JM Hélary - Distributed Algorithms, 1989 - Springer  
 ... **Synchronization rules** use markers as control messages transmitted on the main computation channels: reception of a marker on a channel is a **synchronization event** which, due to the FIFO assumption let processes record their local state consistently (we explain these terms in ...  
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Optimum frame synchronization

J Massey - IEEE Transactions on Communications, 1972 - ieeexplore.ieee.org  
 ... It re- mains as an interesting open problem to find the opti- mum **synchronization rule** for this one-shot case. IZ. ... IV. SIMULATION RESULTS The basic question remaining is whether the optimum decision **rule** for frame **synchronization** provides sig- ...  
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[PDF] LAM: An open cluster environment for MPI

G Burns, R Daoud, J Vaigt - Proceedings of ..., 1994 - www-lb.cams.aub.edu.lb  
 ... PVM and MPI happen to have the same wildcarding **rule** a reserved value matches anything, and this **rule** was adopted for the new **synchronization fields** (four words of them) recognized by the buffer daemon. MPI Personality ... The first area is user supplied **synchronization rules**. ...  
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[aub.edu.lb](#) [PDF]

Generative rules for music performance: A formal description of a rule system

A Friberg - Computer Music Journal, 1991 - JSTOR  
 ... The order in which the **rules** are applied is in general not critical except for the **synchronization rules** and the ampli- tude envelope **rules** which have to be applied last. The mixed intonation **rule** must also be applied af- ter all other intonation **rules**. Computer Music Journal, Vol. ...  
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Middle-tier for multimedia synchronization

RS Aygün, A Zhang - Proceedings of the ninth ACM International ..., 2001 - portal.acm.org  
 ... A **synchronization rule** is in the form of an Event-Condition-Action (ECA) **rule**. In the next section, we will explain the middle-tier and its functionalities. In Section 3, we express the events, condi- tions and actions of a **synchronization rule**. ...  
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[PDF] [Non equivalence between time Petri nets and time stream Petri nets](#)  
M Boyer, M Diaz - Proceedings of 8th International Workshop on Petri ..., 1999 - Citeseer  
... It introduces some new and useful concepts: first the formal definition of time constraint violation in a TSPN (Definition 3.12); second the introduction of the “pure-and” **synchronization rule** and the no-constraint temporal validity interval ( ); and third the application of the weak ...  
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